



"Making a Visible Difference"

EPA SCOPING SESSION FOR ALEXANDRIA/PINEVILLE PROJECT

AUGUST 24, 2015

Agenda



Welcome and Introductions

Overview of Regulatory Background Information

Concepts of a Sustainable Community

Overview of EPA-Proposed Projects for
Alexandria/Pineville

Collaborative Problem Solving

Community Sustainability Network

Alexandria/Pineville Area

2-mile radius around each
creosoting site

Pineville
Alexandria
Kisatchie Treating/formerly Colfax Treating/ROM
Ruston Foundry Superfund Site
Oilfield Scrap State Inactive Site
Stella-Jones, Inc/formerly Colfax Treating/ROM
LA Pine Products

Sources: EPA Region 6, 2010 U.S. Census Bureau Data, National Center for Education Statistics, Esri, Digital Globe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, NCES and the GIS User Community
Copyright: 2012 Esri, DeLorme, NAVTEQ, TomTom

EPA/LDEQ Regulatory Presence:

EPA Superfund sites:

Ruston Foundry

Louisiana Pine Products

RCRA sites:

Stella-Jones Company –
Alexandria

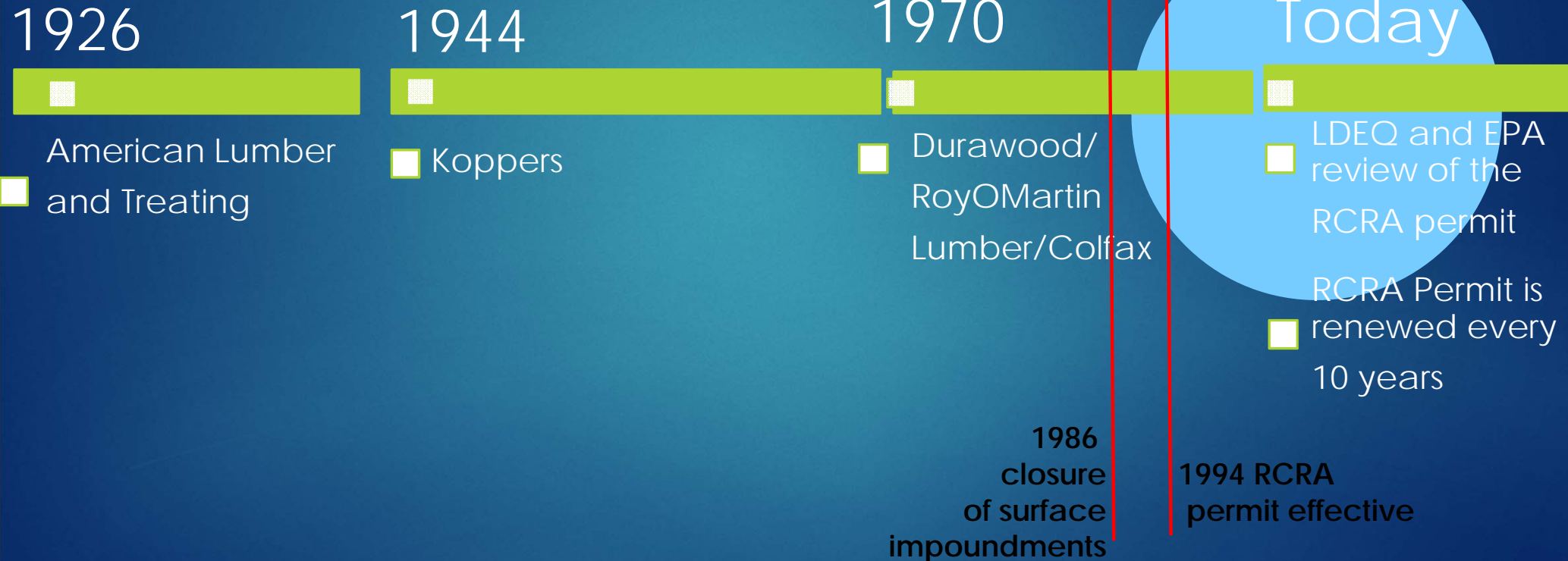
Kisatchie Treating –
Pineville

Colfax – previous
owner/operator

Regulatory Background



Creosoting Site History



Colfax Treating/RoyOMartin

- ▶ Colfax Treating/ROM is the former owner/operator for both creosoting facilities in Alexandria and Pineville. Alexandria creosoting plant is now owned /operated by Stella-Jones, Inc.
- ▶ LDEQ issued RCRA permits to close hazardous waste (RCRA) units and conduct corrective action for contaminated groundwater
- ▶ Under the RCRA permit, Colfax/ROM operates a pump and treat system actively removing contaminants from groundwater with LDEQ and EPA oversight.
- ▶ **Offsite surface soil sampling conducted in 2013 by EPA and LDEQ**

2013 EPA/LDEQ Residential Soil Sampling Results for polycyclic aromatic hydrocarbons (pah's)

EPA Screening Level ppm	LA RECAP Screening Level ppm	EPA cleanup number from ex. Sites ppm	Alexandria - Hunter Park Data Result (highest concentration) ppm
Benzo(a)pyrene [BaP] 0.015	0.33	0.466* - 30.0	2.4

*"Proposed Remedial Action Plan for Operable Unit 1 (OU 1) Clearview Landfill of the Lower Darby Creek Area Superfund Site" (August 2013) set a cleanup value for BaP at 0.466 ppm. Note: typical BaP ranges in urban soils are 0.65 to 1.32 ppm

http://www.epa.gov/reg3hscd/npl/PASFN0305521/prap/Final_PRAP_From_AR.pdf

http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/faq.htm

Stella-Jones Corporation – active owner/operator for Alexandria creosoting site

- ▶ Current creosoting operator with air permit (Clean Air Act) and a stormwater permit (Clean Water Act)
- ▶ Stella-Jones is based out of Canada and has a corporate location in Pittsburgh, PA
- ▶ EPA/LDEQ offsite surface soil samples show some elevated levels of polycyclic aromatic hydrocarbons (pahs), above the RECAP residential screening standard; supplemental sampling shows non-detects.

Kisatchie Treating, LLC – active owner/operator for Pineville creosoting plant

- ▶ The Kisatchie plant treats telephone poles/piling
- ▶ EPA/LDEQ has not conducted offsite surface soil sampling at Kisatchie
- ▶ As part of this project, EPA has plans to sample surface soils in local neighborhood parks or schools

EPA Superfund site: Ruston Foundry

- ▶ 6.86-acre site of a foundry that operated from 1908 to 1985.
- ▶ Contaminants of concern were antimony and lead
- ▶ Contaminated soils were excavated and disposed offsite
- ▶ Cleanup of soils/sediment are confirmed to meet residential standards
- ▶ No longer on NPL; no five-year reviews
- ▶ Work was performed under a Consent Decree with Kansas City Southern Railway
- ▶ City of Alexandria performed a site assessment for adjoining 30-acre site

EPA Superfund site: Louisiana Pine Products

- ▶ 1405 Applewhite Street – next to I-49
- ▶ Operated as a charcoal briquette manufacturer
- ▶ Contaminated pit was excavated in 2007
- ▶ Close-out report dated 2011; Recycling Services declared bankruptcy
- ▶ Sampling is needed to complete the closure

Oilfield Scrap Inactive Site



- ▶ LDEQ –lead inactive site formerly used as storage for oilfield equipment
- ▶ Located 704 Willow Glen Road
- ▶ Contaminants of concern are lead, chromium, copper, arsenic and polychlorinated biphenyl (pcb).
- ▶ Four areas of contaminated soils are scheduled for excavation
- ▶ A portion of the property is bordered by Chatlin Lake Canal which is undergoing a city drainage improvement project.
- ▶ Citizens have raised concerns about soil re-use
- ▶ A cleanup plan was approved by LDEQ in April 2013



Sustainable Community Concepts

Joyce Stubblefield

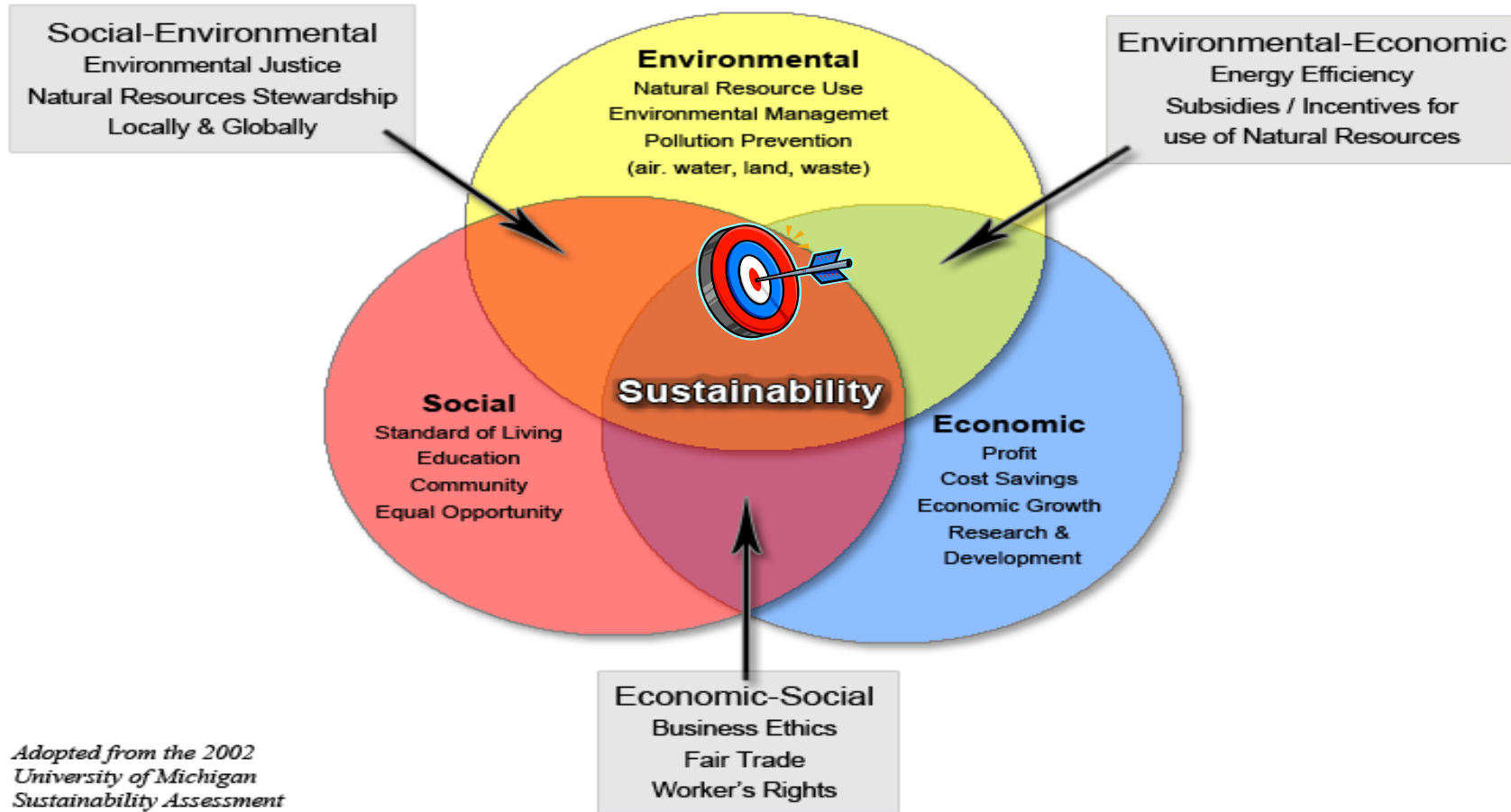
US EPA Region 6

Making a Visible Difference in the Community

SUSTAINABILITY: THE THREE PILLAR CONCEPT



The Three Spheres of Sustainability



*Adopted from the 2002
University of Michigan
Sustainability Assessment*

Sustainability concept – go beyond the yellow sphere!

SUSTAINABLE ACTIONS

- ▶ *To assure* continued integrity of natural resources
- ▶ *To assure* continued human health and well-being
- ▶ *To assure* continued economic prosperity



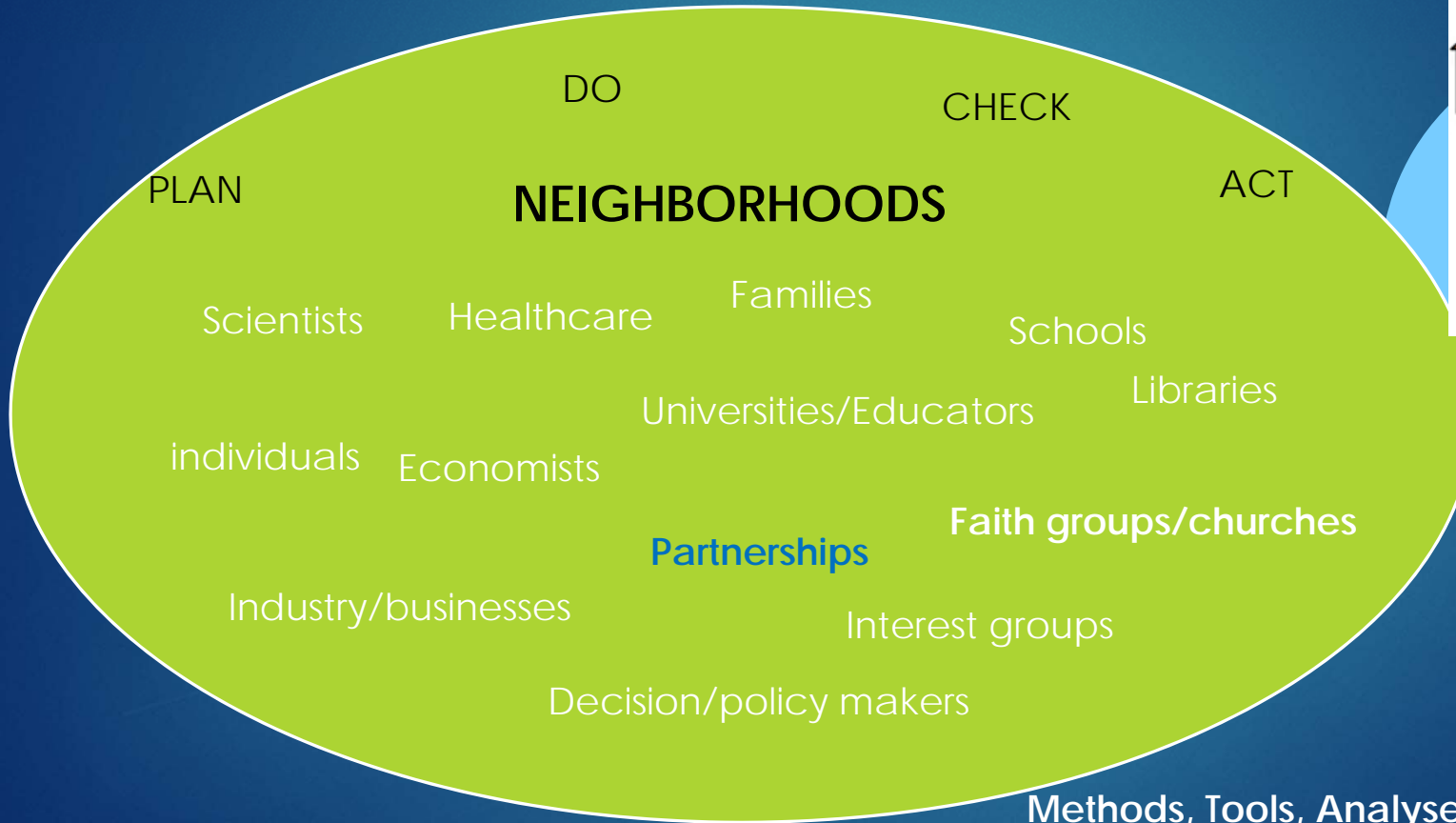
EPA Sustainability

- ▶ To Protection Human Health and the Environment
- ▶ Sustainability is the continued protection of human health and the environment while fostering economic prosperity and societal wellbeing. (EPA)



Tree Planting

Community Sustainability



EPA Invites Communities to Apply for Assistance to Build Resilience, Pursue Revitalization - EPA Building Blocks Program

- ▶ EPA is offering technical assistance through the Building Blocks for Sustainable Communities program to help communities across the country--including underserved communities, coastal communities, small cities and rural areas--adopt sustainable growth strategies.
- ▶ The program aims to increase resilience to natural disasters and strengthen the economy while protecting human health and the environment.
- ▶ See more at: <http://www.sustainablecommunities.gov/partnership-resources#sthash.hB7OvSOt.dpuf>



Proposed Projects for Alexandria/Pineville

Nancy Fagan and Diana Greiner

Proposed Projects under the EPA Action Plan

- ▶ Negotiate a **Community Sustainability Initiative** between EPA and the corporate partners

Community
Sustainability
Initiative (CSI)

- ▶ Convene a **Community Sustainability Network**



- ▶ Conduct **Sustainability Assessment** for both active creosoting sites and any other interested facilities

Sustainability Assessment

The Sustainability Assessment is comprehensive, and meant to be beneficial to both the community and corporate entities. The goal is to create cost and environmental savings, as well as lay a foundation for a sustainable community.

Improving Resource Diversity

- GHG Emissions
- Waste Reduction
- Sustainable Use of Resources
- Water Conservation
- Energy Reduction
- Product Responsibility

Ecological Assessment

- Precaution of Possible Releases
- Assess Water Quality Impact
- Habitat Protection
- Environmental Restoration
- Species Biodiversity

Community Health and Wellbeing

- Increase Open Space
- Community Engagement
- Disaster Preparedness and Response
- Local Economy
- Community Satisfaction
- Employee Wellbeing

Proposed Projects under the EPA Action Plan, con't.

- ▶ Conduct surface soil/sediment sampling in neighborhood parks/schools
- ▶ Conduct a review of groundwater data
- ▶ Partner with Faith-based groups to improve communication and empower local churches to get involved with environmental issues that affect public health
- ▶ Partner with LA College and LSU-of A under the **EPA College/Underserved Community Partnership program (CUPP)**

Colleges/Underserved Communities Partnership Program (CUPP)

- ▶ Brings in expertise from local colleges to help complete community projects
 - ▶ College students receive real world experience
 - ▶ Communities receive free help
- ▶ Examples of past projects
 - ▶ Work with city to improve water plant operations
 - ▶ Modernize city website
 - ▶ Draft development plans for downtown revitalization
 - ▶ Organize community meetings
 - ▶ Develop stormwater mitigation plans



Students at City Hall in Lithonia, GA working on a business analysis for the city.

Proposed Projects under the EPA Action Plan – 2016

- ▶ Partner with **HUD** for a Community Needs Assessment
- ▶ Partner with **CDC - Pediatric Environmental Health Specialty Units (PESHU)** for community health education – <http://www.cdc.gov/features/pehsu/>

What is PEHSU? A network of experts in children's environmental health

The PEHSU Mission:

Improve the environmental health of children by:

Enhancing educational and consultative services to clinicians, health professionals and the community.

Providing evidence-based information from a network of experts in environmental health.

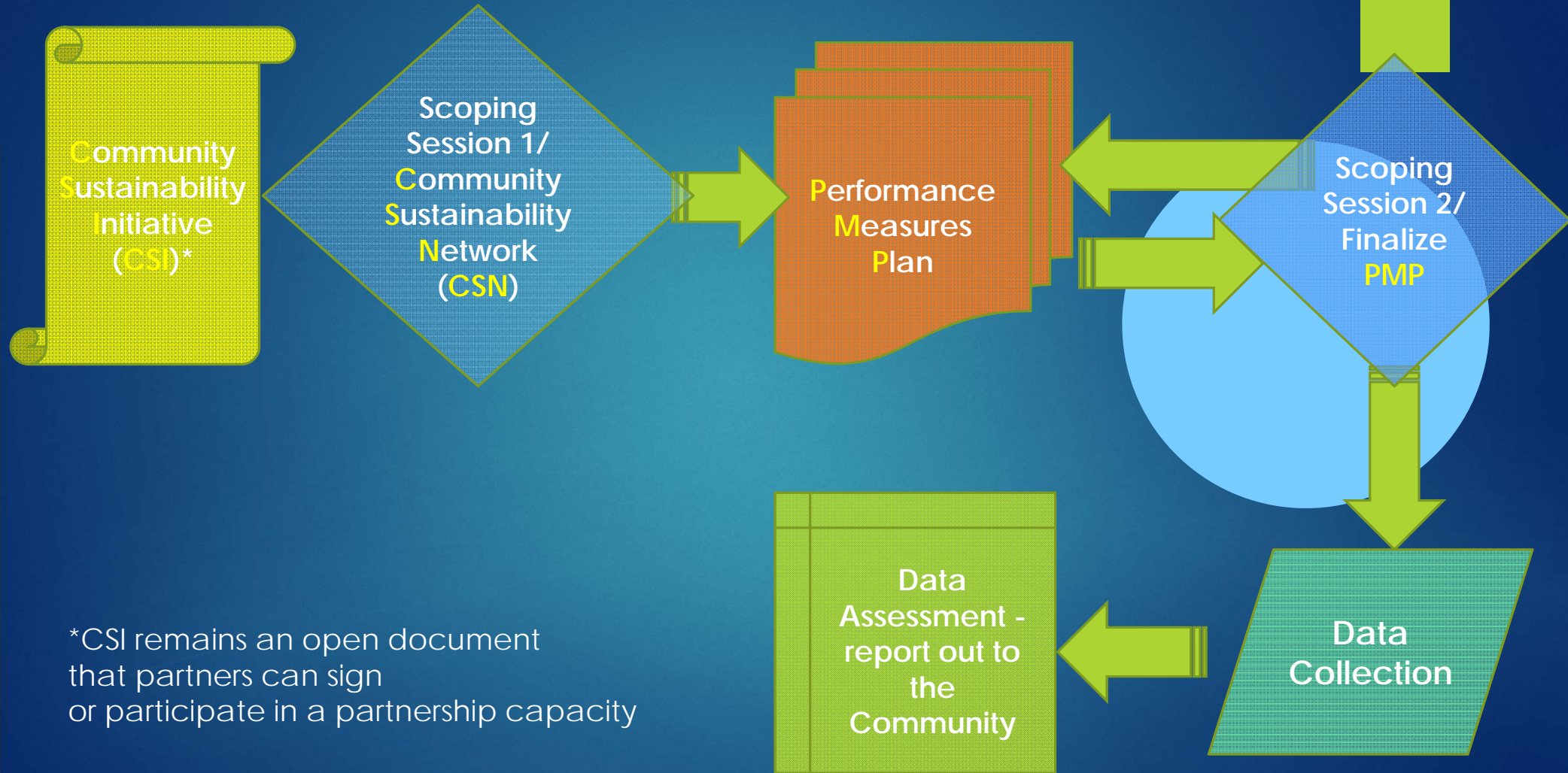
The PEHSU Vision:

The PEHSU network is the globally recognized GO TO resource for Pediatric Environmental Health expertise for clinicians, health professionals and communities.

Proposed Projects under the EPA Action Plan 2016

- ▶ Conduct a review of air data collected by LDEQ 2013 – 2015
- ▶ Conduct Community Engagement Activities – Healthy Homes/Healthy Schools (an EPA program)
- ▶ More?

Alexandria Pineville Data Collection/Reporting Roadmap







Collaborative Problem Solving

Nancy Fagan/ Michael Lythcott

Collaborative Problem Solving and Sustainability



Collaborative Problem Solving is all about:

- Identifying key issues with all stakeholders involved
 - Developing community-based organizations
 - Bringing together a group of individuals to work towards achieving a common goal
 - Participating in a collaborative partnership
 - Developing and carrying out workplans to build and strengthen community "capacity" – "community problem-solving"
- 

What is a Sustainable Community?

A sustainable community is one that is economically, environmentally, and socially healthy and resilient. It meets challenges through integrated solutions rather than through fragmented approaches.

<http://www.iscvt.org/impact/definition-sustainable-community>



Community Sustainability Network

Michael Lythcott